index
testDataGenerator /home/uwu/Github_Repos/University/M.O.S.I.S/M.O.S.I.S_Host_Software/App/testDataGenerator.py

Call python3 interpreter from within python script.

Modules

math os random

Functions

getRandomMediaEntryEntryId(db) -> int
Return a random entryId from MediaEntry table.

insertRandomMediaEntry(db)
Insert a MediaEntry into a database with random valid data.

insertRandomMediaMetadata(db)
Insert a MediaMedata entry into a database with random valid data.

randApertureSize() -> float
Return a random float of either 1.4,2.0,2.8,4.0,5.6,8.0,11,16.0,22.0.

randDissolvedOxygen() -> float
Return a random floating point number between 0 and 100.

randISO() -> int
Return a random integer of either 100,200,400,800,1600,3200,6400.

randIlluminationType() -> enum.Enum
Return a random iluminationType.

randImage() -> (<class 'str'>, <class 'str'>)
Return random sterioscopic images from sterioscopicImageSelection.

randPh() -> float
Return a random floating point number between 0 and 14.

randPressure() -> float
Return random floating point number between 1,013.25 and 1040.

randShotType() -> enum.Enum
Return a random shotType.

randShutterSpeed() -> float
Return a random floating point number of common shutter speeds.

randTemp() -> float
Return a random floating point number between -2 and 32.

randWhiteBalance() -> int
Return a random integer between 1000 and 10,000.

Data

sterioscopicImageDirectory = '/home/uwu/Github_Repos/University/M.O.S.I.S/M.O.S.I.S_Host_Software/App/static'
sterioscopicImageSeletection = ['Geology', 'Island', 'Mountains']